

OWNER'S MANUAL

LAMINATOR

Model No. NPH-1200N/900N

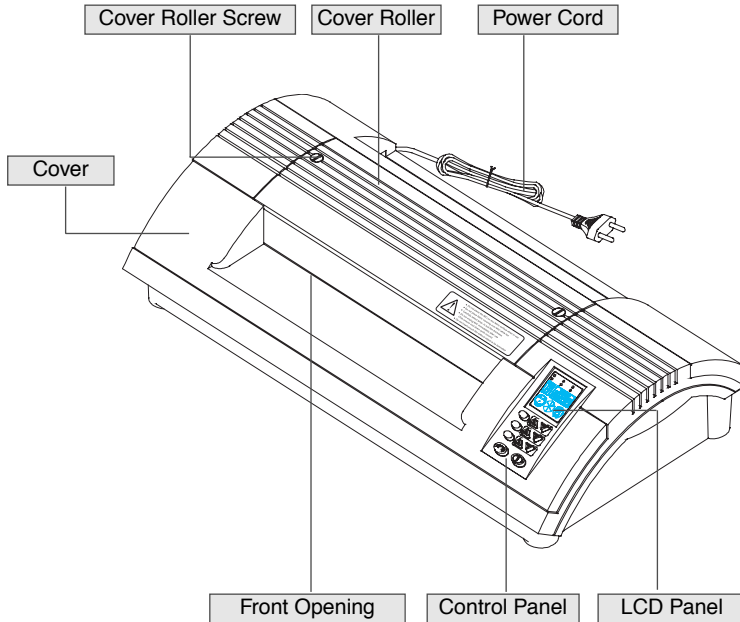


Read all instructions carefully before use.

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MAJOR PARTS



CHARACTERISTICS OF NPH-SERIES

1. The NPH Series has been designed and manufactured to provide Hot and Cold lamination for school, home and office needs.
2. Automatic cool down function- If the power is turned off or a power failure occurs the rollers will continue to turn until they are cooled down.
3. Automatic overheating protection- If a temperature sensor were to fail the heating elements will not heat up.
4. Digital control of speed, temperature and mil thickness with LCD display help ensure professional results.
5. Laminates color foil.
6. Laminates over 2.5 feet per minute.

SAFETY PRECAUTIONS



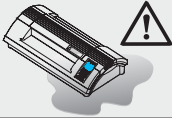
Failure to comply with any of the following safety procedures could result in serious injury. Keep this information for future reference.



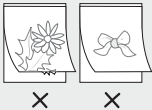
1. To prevent the possibility of fire or injury, do not allow articles of clothing (neckties, scarves, or paperclips etc.) inside the machine.



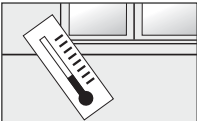
2. Do not attempt to laminate items that exceed total recommended material thickness.



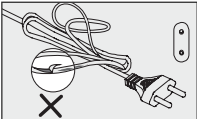
3. To prevent the possibility of electric shock, do not immerse the laminator in water or permit liquids inside the machine.



4. Do not operate machine for any other purpose other than its intended use.



5. This machine is for indoor use only.

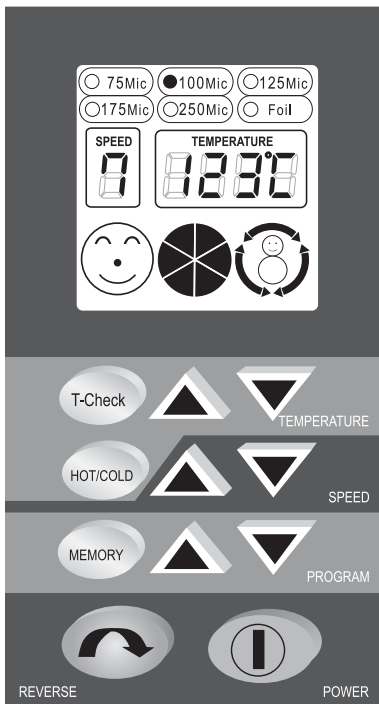


6. Do not operate the machine if the outlet or power cord is damaged. Contact a qualified electrician.

CONTROL PANEL INSTRUCTIONS

Appropriate speed and temperature may be set, using the LCD controller. The LCD panel was designed for convenience, by incorporating the ability to program your settings into "Memory".

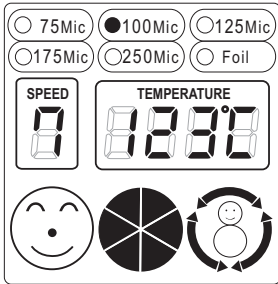
1. CONTROL PANEL SETTINGS



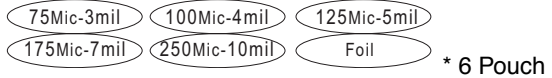
LCD DISPLAY

CONTROL PANEL

2. LCD WINDOW



1. Pouch Thickness



Thickness Options

75 mic =3 mil, 100 mic =4 mil, 125 mic =5 mil

175 mic =7 mil, 250 mic =10 mil

2. SPEED

Seven speed options (1-7)

3. TEMPERATURE

Displays current temperature

4. Displayed when desired temperature is met.



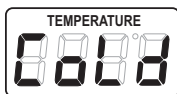
5. This indicates that the current temperature is either higher or lower than the preset temperature. Wait until the indicator stops blinking.



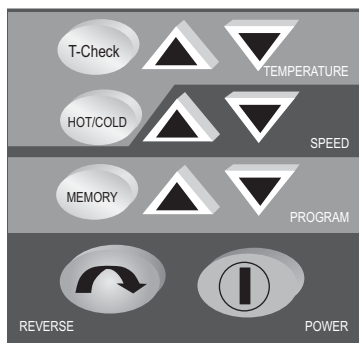
6. Indicates what direction the rollers are moving in (FWD/REV).



7. Displayed when the machine is in the cold temperature mode.



3. CONTROL PANEL FUNCTIONS



T-Check

: Press this to check the current temperature

HOT/COLD

HOT/COLD

: Press this to choose Hot or Cold function

MEMORY

MEMORY

: Press this to set current temperature in memory (up to 6 memory settings) or to recall preset temperature settings.

REVERSE

POWER



: Increase or Decrease Temperature



: Increase or Decrease Speed



: To scroll through preset temperature settings






: Reverse Function






: Power ON/OFF


HOT LAMINATING PROCEDURE

1. Place and use the laminator on a sturdy, flat work surface.
2. Plug in the laminator after verifying the correct outlet voltage.
3. Press the power button.
4. Make sure the machine is in the hot lamination mode by pressing the HOT/COLD button.
5. Select the correct pouch thickness by pressing the program buttons up or down.
6. Set the temperature and speed according to the pouch thickness.
Please refer to the SPECIFICATIONS section for recommended settings.
7. The  symbol will stop blinking and a  symbol will appear when your desired temperature is met. The machine is now ready for lamination.
8. Place the item to be laminated into the laminating pouch.
9. Insert the pouch (sealed side first) into the front opening of the machine.
10. The laminated item will exit out the rear of the machine when completed.
11. If you laminate several items continuously the  may disappear, please wait until it is displayed again before continuing lamination.

NOTE: Your laminated item will be hot and can easily bend. To keep your laminated item flat, place on a flat surface and allow it to cool.



COLD LAMINATING PROCEDURE

1. Make sure the machine is in the cold lamination mode by pressing the HOT/COLD button. You will see the  displayed when the machine is in the cold temperature mode.
2. The  symbol will stop blinking and a  symbol will appear when the cold temperature is met. The machine is now ready for lamination.
3. Place the document to be laminated on the adhesive side of the cold film with the document face down.
4. Insert the document to be laminated into the front opening of the machine.
5. Remove paper liner from the cold film slowly while the document is being inserted into the machine.

NOTE: When switching the machine from the hot to cold mode, please wait until the rollers cool down. It will take approximately 6 minutes. The  symbol will appear and you will hear 3 beeps.



COLOR FOIL LAMINATING PROCEDURE

IMPORTANT: Carrier is required for Foil Lamination

1. Make sure that the machine is in the Foil lamination mode by pressing the PROGRAM buttons up/down until it is in the foil mode.
2. Set the temperature and speed according to the pouch thickness (FOIL). Please refer to the SPECIFICATIONS section for recommended settings.
3. The  symbol will stop blinking and a  symbol will appear when the correct temperature is met. The machine is now ready for lamination.
4. Position the color foil on the document with the color side facing up. When you are applying the foil to small areas or using different colors, use the tape that's included to hold the foil in place.
5. Place the document into the paper carrier.
6. Insert the carrier into the front opening of the machine.
7. The carrier will exit out the rear of the machine when completed.

NOTE: Your laminated item will be hot and can easily bend. To keep your laminated item flat, place on a flat surface and allow it to cool.

POUCH BOARD LAMINATING PROCEDURE

1. Make sure that the machine is in the Foil lamination mode by pressing the PROGRAM buttons up/down until it is in the foil mode.
2. Set the temperature and speed according to the pouch thickness (FOIL). Please refer to the SPECIFICATIONS section for recommended settings.
3. The  symbol will stop blinking and a  symbol will appear when the correct temperature is met. The machine is now ready for lamination.
4. Place the document into the pouch board.
5. Insert the pouch board (sealed side first) into the front opening of the laminator.
6. The finished item will exit out the rear of the machine when completed.

MAINTENANCE

When adhesives from the film build up on the rollers the quality of lamination will decrease and jamming may occur. Please clean the rollers regularly.

1. Turn on the laminator and set the temperature at 100°C(212°F) and set the mil thickness at 100 mic(4mil).
2. Insert a sheet of clean thick paper (about 0.5 mm or 1/50" thick) into the front opening of the machine 2-3 times to remove excess adhesive from the rollers.
3. To thoroughly clean the rollers make sure the machine is in the COLD mode and the rollers are completely cool.
4. Unscrew the 2 screws on the cover using a screwdriver. Once the screws are off, remove the top cover.
5. Use a cleaning solvent such as Laminex Poly-Off or something equivalent on a lint free cloth to clean residue on the rollers. **(Do not use alcohol or petroleum based cleaning solvents or abrasives.)**
6. Place the cover back on and screw in tightly.
7. Use and store this unit in a dry area, damp areas may damage the machine.

TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
Motor doesn't work	<ul style="list-style-type: none">- Power cord may not be plugged in.- Power switch is off	<ul style="list-style-type: none">- Check and plug in the power cord.- Check and turn on the power.
Pouches are not laminating correctly	<ul style="list-style-type: none">- If laminating heat sealed pouches, the machine may be set in the COLD mode- The temperature may be set too low.- The speed is set too high	<ul style="list-style-type: none">- Make sure the machine is in the HOT mode- Check the temperature is set according to pouch thickness.- Adjust to a lower speed.

SPECIFICATIONS

Model	NPH-900N	NPH-1200N
Max. Lamination width	9.4"	13"
Lamination pouch thickness	75~250mic /(3~10 mil)	
Max. Lamination thickness	2 (mm) /80 (mil)	
Lamination speed	2.5 ft/min	
Warm up time	6 min	
Heating method	Hot roller	
Number of rollers	4	
Power consumption	850W~950W / 1000W	1000W~1100W / 1000W
Power supply	220V 50Hz~60Hz / 120V 60Hz	
Cooling system	DC fan	
Speed controls	7 speed settings	
Reverse function	Yes	
Unit weight	19.8 (lbs) /9 (kg)	24.2 (lbs) /11 (kg)
Unit dimensions	19.9 x 11.4 x 5.3 (in) 505 x 290 x 135 (mm)	22.8 x 11.4 x 5.3 (in) 580 x 290 x 135 (mm)

POUCH FILM SETTINGS

POUCH FILM SETTINGS		
Pouch Thickness	Temperature	Speed
75 mic (3 mil)	100°C (212°F)	6
100 mic (4 mil)	100°C (212°F)	4
125 mic (5 mil)	105°C (221°F)	3
150 mic (6 mil)	110°C (230°F)	2
175 mic (7 mil)	120°C (248°F)	2
200 mic (8 mil)	120°C (248°F)	2
250 mic (10 mil)	120°C (248°F)	1
FOIL	130°C (266°F)	1

Model No. NPH-1200N / 900N

LIMITED ONE YEAR WARRANTY

1 This warranty applies to repair or replacement of product found to be defective in material or workmanship for one year from the date of the original purchase. This warranty is extended only to the original purchaser.

2 This warranty does not apply to damage resulting from abuse, misuse or improper maintenance or damage that is attributable to acts of God. Royal Sovereign International, Inc. (and its affiliated companies) is not liable for incidental or consequential damages of any nature. This limitation would not apply if you live in those areas that do not permit the exclusion or limitation of incidental or consequential damages.

3 Royal Sovereign International will repair or replace this product if it is found to be defective in material or workmanship. Defective product must be returned to Royal Sovereign International, freight prepaid, with proof of purchase and Return Shipping & Handling payment (check or money order). Upon repair or replacement the product will be returned to the customer.

Return defective product to the following address with a detailed description of the problem. If possible, pack in original carton. Pleaseprepay shipping charges.

For service or sales please contact your local Royal Sovereign office:

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